

# FILE NOTATION

Entered in NID File ☒  
 Entered On S R Sheet ☒  
 Location Map Pinned ☒  
 Card Indexed ☒  
 I W R for State or Fee Land ☒

Checked by Chief PMB  
 Copy NID to Field Office ☒  
 Approval Letter ☒  
 Disapproval Letter ☐

## COMPLETION DATA:

Date Well Completed 7-23-63  
 OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA ☒

Location Inspected \_\_\_\_\_  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

## LOGS FILED

Dridger's Log 10-7-63  
 Electric Logs (No. ) 3

E \_\_\_\_\_ I \_\_\_\_\_ E-I ☒ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
 Lat. \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic GR Others Formation Tester

Subsequent Report of Abandonment

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: Well Log ☒ Electric Logs 3 File X Water Sands None Sub.report/abd. 9-25-63

*Contractor*

*inspected by RWB*

DATE FILED 8-29-63

LAND: FEE & PATENTED ☒ STATE LEASE NO. 108499

PUBLIC LEASE NO.

INDIAN

DRILLING APPROVED: 8-29-63

SPUDED IN: 9-6-63

COMPLETED:

INITIAL PRODUCTION:

GRAVITY A. P. I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH: 4917'

WELL ELEVATION: 7235' OF 7237' X 3 7228' G

DATE ABANDONED: 9-23-63 G & A

FIELD OR DISTRICT: Wildcat 3/86

COUNTY: Garfield

WELL NO. HATCH FEE A-1

API 43-017-10901

LOCATION: 1980' FT. FROM ~~XX~~ (S) LINE, 660' FT. FROM (E) ~~XX~~ LINE. C NE SE QUARTER - QUARTER SEC. 16

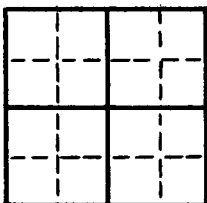
9

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				37 S	6 W	16	PHILLIPS PETROLEUM COMPANY

## GEOLOGIC TOPS:

*Electric Log Tops*

QUATERNARY	Star Point	Sinbad	Brazos
Recent	Wahweap 1605' EL	PERMIAN	Pilot shale
Alluvium	Masuk	Kaibab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper Tropic 3243' EL	Hoskinnini	DEVONIAN
TERTIARY	Middle	DeChelly	Upper
Pliocene	Lower Tropic 4433' EL	White Rim	Middle
Humboldt	Emery	Organ Rock	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaite tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota 4826' EL	Park City	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Uinta	(JURASSIC Windsor) 4893' EL	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash	Oquirrh	Eureka quartzite
Upper	San Rafael Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa	Lynch
Wasatch 950' EL	Curtis	Upper	Bowman
Colton	Entrade	Lower	Tapeats
Flagstaff	Moab tongue	Molas	Ophir
<del>Kaiparowits</del> 950' EL	Carmel	Paradox	Tintic
Paleocene	Glen Canyon Gr.	A	PRE-CAMBRIAN
Current Creek	Nava jo	B	
North Horn	Kayento	C	
CRETACEOUS	Wingate	Manning Canyon	
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle	Chainman shale	
Price River	Shinarump	Humbug	
Blackhawk	Moenkapi	Joana limestone	



**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**

STATE CAPITOL BUILDING  
SALT LAKE CITY 14, UTAH

Fee and Patented.....☒  
State.....☐  
Lease No. 108479  
Public Domain.....☐  
Lease No. ....  
Indian.....☐  
Lease No. ....

## SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Hatch "A".....Cortez, Colorado August 27, 1963  
Well No. 1 is located 1980 ft. from SW line and 660 ft. from E line of Sec. 16  
NE SE Sec. 16 37S 6W SLB&M  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Garfield Utah  
(Field) (County or Subdivision) (State or Territory)

Approximate Ungraded ground  
The elevation of the ~~surface~~ floor above sea level is 7240 feet.

A drilling and plugging bond has been filed with .....

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Drill 15" hole to approximately 600', set 10-3/4" surface casing and cement to surface.  
Drill 9" hole to a depth of approximately 5000' to test Morrison formation. If  
productive, set 5-1/2" casing and cement. ✓

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company.....PHILLIPS PETROLEUM COMPANY

Address.....P. O. Drawer 1150

.....Cortez, Colorado

By.....

C. M. Boles

Title.....District Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

NOTE: THE PROPOSED WELL LOCATION WAS DETERMINED BY A TRANSIT-STADIA SURVEY. THE EAST LINE OF SECTION 16 WAS DETERMINED TO BE PERPENDICULAR TO, AND AT THE MIDWAY POINT OF, A LINE BETWEEN THE SOUTHWEST CORNER OF SECTION 16 AND THE SOUTHEAST CORNER OF SECTION 15, TOWNSHIP 37 SOUTH, RANGE 6 WEST, SALT LAKE BASE & MERIDIAN.

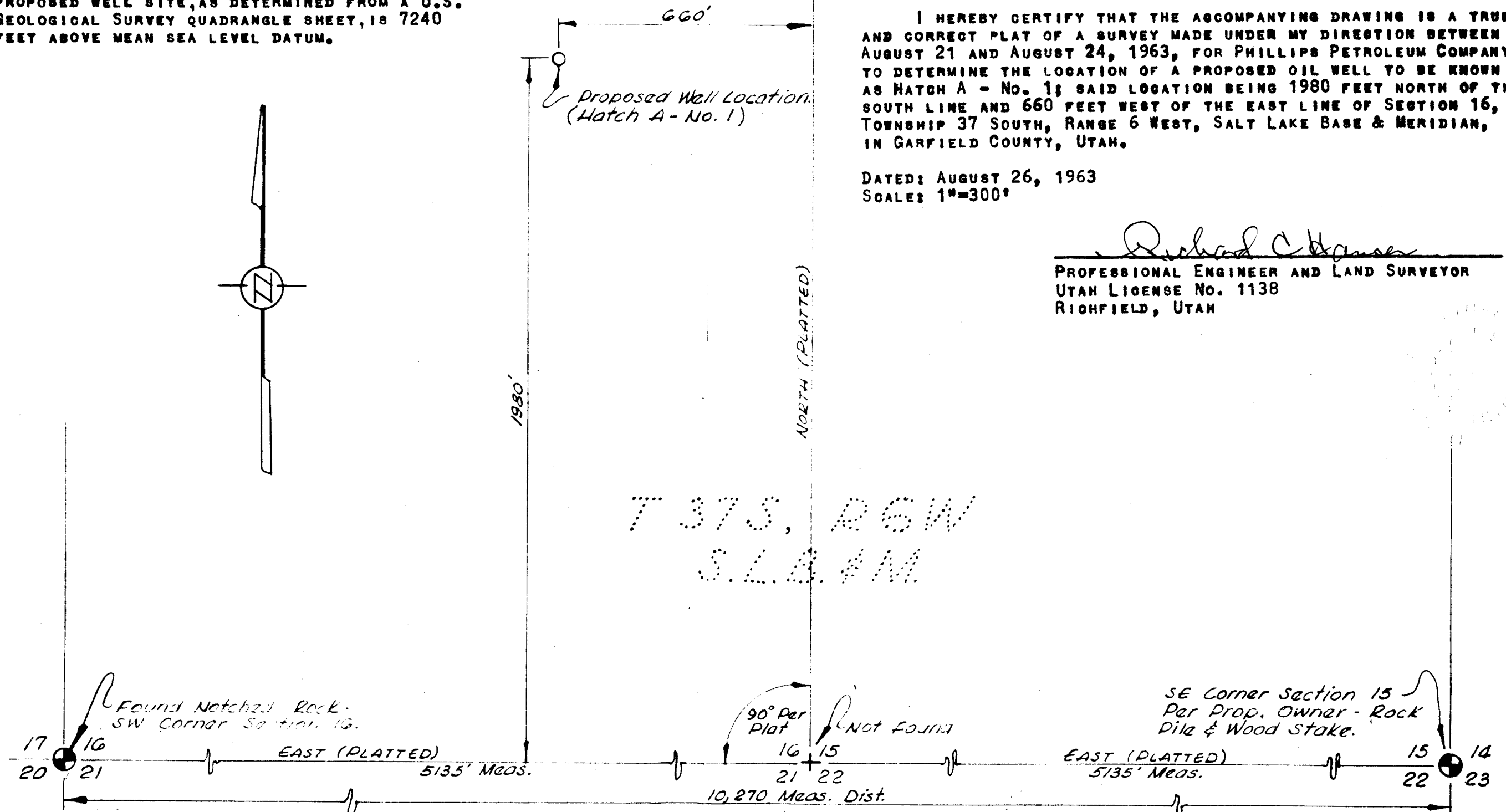
THE APPROXIMATE ELEVATION OF THE GROUND AT THE PROPOSED WELL SITE, AS DETERMINED FROM A U.S. GEOLOGICAL SURVEY QUADRANGLE SHEET, IS 7240 FEET ABOVE MEAN SEA LEVEL DATUM.

# CERTIFICATE

I HEREBY CERTIFY THAT THE ACCOMPANYING DRAWING IS A TRUE AND CORRECT PLAT OF A SURVEY MADE UNDER MY DIRECTION BETWEEN AUGUST 21 AND AUGUST 24, 1963, FOR PHILLIPS PETROLEUM COMPANY, TO DETERMINE THE LOCATION OF A PROPOSED OIL WELL TO BE KNOWN AS HATCH A - No. 1; SAID LOCATION BEING 1980 FEET NORTH OF THE SOUTH LINE AND 660 FEET WEST OF THE EAST LINE OF SECTION 16, TOWNSHIP 37 SOUTH, RANGE 6 WEST, SALT LAKE BASE & MERIDIAN, IN GARFIELD COUNTY, UTAH.

DATED: AUGUST 26, 1963  
SCALE: 1"=300'

Richard C. Hansen  
PROFESSIONAL ENGINEER AND LAND SURVEYOR  
UTAH LICENSE NO. 1138  
RICHFIELD, UTAH



August 29, 1963

Phillips Petroleum Company  
P. O. Drawer 1150  
Cortez, Colorado

Attention: C. M. Boles, District Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Hatch Fee A-#1, which is to be located 1980 feet from the south line and 660 feet from the east line of Section 16, Township 37 South, Range 6 West, SLEM, Garfield County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted. However, this approval is conditional upon a Bond being filed with this Commission.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
Office: DA 8-5771 or DA 8-5772  
Home: CR 7-2890  
Salt Lake City, Utah

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Enclosed please find Form OGCC-8-X, which is to be



August 29, 1963

completed if water sands (aquifers) are encountered while drilling, particularly assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Please have the enclosed "Minimum Safety Requirements" notice posted in a conspicuous place on the drilling location.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:cnp

cc: Harvey L. Coonts, Petroleum Engineer  
Oil & Gas Conservation Commission  
Moab, Utah

September 6, 1963

B-40-60-Oil & Gas Drilling Bond-  
State of Utah-Hatch "A" #1 and  
Hatch "B" #1 Wells

First Investment Company  
321 South Johnstone  
Bartlesville, Oklahoma

Gentlemen:

We enclose original and three copies of a new bond for the benefit of the Utah Oil & Gas Conservation Commission in the penal sum of \$10,000. This bond covers the drilling of two wells in Garfield County, Utah.

Please execute this bond on behalf of the Pennsylvania Insurance Company as Surety and arrange for signature of Utah resident agent. Please request the resident agent to file the fully executed bond with the Utah Oil & Gas Conservation Commission, State Capitol, Salt Lake City, Utah, attention of Mr. Cleon B. Feight.

Please return one copy of the bond for our files.

Yours very truly,

ORIGINAL SIGNED BY  
L. D. NEAL, JR.

L. D. Neal, Jr.

LDN:ee

Encl.

cc: Utah Oil & Gas Conservation Commission-Attention: Cleon B. Feight  
Mr. M. C. Woody



September 6, 1963

C Commercial Union Insurance Group  
315 Montgomery Street  
San Francisco 4, California

ATTENTION: BOND DEPT: !RUSH!

O Please countersign attached bond for Phillips Petroleum Company  
and rush AIR MAIL TO

UTAH OIL & GAS CONSERVATION COMMISSION  
Attn. Mr. C. B. Feight  
Capitol Building  
Salt Lake City, Utah.

P Thanks.

Y J. J. Quinn

WESTERN  
TELEGRAM

WESTERN UNION  
TELEGRAM

WESTERN UNION  
TELEGRAM

WESTERN  
TELEGRAM

1  
UM BRANCHQEEA PDT SEP 9 63 LB156 KC105

K BRAO20 PD CORTEZ COLO 9 1116A MST

CLEON B FEIGHT, UTAH OIL AND GAS CONSERVATION COMMISSION

310 EXCHANGE BLDG SALT LAKE CITY UTAH

IN IN REGARD TO INTENTION TO DRILL OUR HATCH A#1 AND HATCH  
B#1 IN GARFIELD COUNTY UTAH THE FOLLOWING WIRE WAS RECEIVED  
FROM OUR BARTLESVILLE OFFICE THIS DATE. QUOTE "REURTEL SEPT  
3 UTAH BONDS FOR HATCH A#1 AND HATCH B#1 A 10,000.00 BOND HAS  
BEEN ACQUIRED THROUGH FIRST INVESTMENT CO BARTLESVILLE WHO  
WILL ROUTE FOR SIGNATURE OF UTAH RESIDENT AGENT WHO WILL FILE  
WITH UTAH OIL AND GAS CONSERVATION COMMISSION ATTENTION OF  
MR FEIGHT EARL GRIFFIN"

IF YOU HAVE NOT RECEIVED BONDS IN REASONABLE LENGTH OF  
TIME PLEASE CONTACT THIS OFFICE COLLECT

C M BOLES DISTRICT SUPT PHILLIPS PETROLEUM CO

(SUBMIT IN DUPLICATE)

LAND:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
SALT LAKE CITY, UTAH

Fee and Patented.....☒  
State .....☐  
Lease No. 108479  
Public Domain .....☐  
Lease No. ....  
Indian .....☐  
Lease No. ....

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....		Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input checked="" type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Cortez, Colorado September 23, 1963

Hatch "A"  
Well No. 1 is located 1980 ft. from XX line and 660 ft. from E line of Sec. 16  
SE, SE Sec. 16 37S 6W S1B&M  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Garfield Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7235 feet.

A drilling and plugging bond has been filed with ---

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Well has been drilled to T.D. of 4917 ft. and no commercial shows of oil or gas encountered. Dry hole to be plugged as follows:

Fill hole with heavy mud laden fluid. Spot approximately 100' cement plugs at approximate 4500-5600', 3300-3400' and 1000-1100' and 50' cement plugs at 525 to 575' and 0' to 50' per verbal approval by telephone September 20, 1963, Harvey L. Coonts to Frank R. Davis.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company PHILLIPS PETROLEUM COMPANY  
Address P. O. Drawer 1150 By C. M. Boles  
Cortez, Colorado Title District Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

Utah

Copy H. L. E.

349  
DW

STATE OF UTAH

OIL AND GAS CONSERVATION COMMISSION

FORM OGCC-2 AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURES: The methods and procedure for plugging a well shall be as follows:

- The bottom of the hole shall be filled to, or a bridge shall be placed at the top of each producing formation open to the well bore, and in either event a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible.
- A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh water bearing strata.
- A plug shall be placed at or near the surface of the ground in each hole.
- The interval between plugs shall be filled with heavy mud laden fluid.
- The hole shall be plugged with heavy mud up to the base of the surface string at which point a plug of not less than fifty (50) feet of cement shall be placed.

Field or Pool Wildcat County Garfield

Lease Name Hatch "A" Well No. 1 Sec. 16 Twp. 37S

Range 6W Date well was plugged: September 23, 19 63

Was the well plugged according to regulation of the Commission? Yes

Set out method used in plugging the well, the nature and quantities of materials used in plugging, size of plugs, location and extent (by depths) of the plugs of different materials, and the amount of casing left in hole. (giving size, top and bottom elevations of each section of abandoned casing.)

Spotted cement plugs as follows: 125 sacks at 4900' to 4651'; 50 sacks at 3400' to approximately 3270'; 50 sacks at 1100' to approximately 1000'; 25 sacks at 572' to approximately 522'; 25 sacks at 50' to surface. Installed permanent well marker at surface. 572' OA of 10-3/4" OD 32.75# 8R thd J-55 casing set at 577'RKB and cemented to surface with 460 sacks cement with 2% Calcium Chloride, left in hole. Top elevation of 10-3/4" casing 7226.5'; Bottom Elevation of Casing 6658.66'. (567.84' Less Threads of 10-3/4" casing left in hole.)

Operator PHILLIPS PETROLEUM COMPANY

Address P. O. Drawer 1150 , Cortez, Colorado

C. M. Boles  
C. M. Boles, District Superintendent

AFFIDAVIT

STATE OF ~~UTAH~~ Colorado

COUNTY OF Montezuma

Before me, the undersigned authority, on this day personally appeared C.M. Boles, known to me to be the person whose name is subscribed to the above instrument who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me this 24th day of September, 19 63

My Commission Expires:

MY COMMISSION EXPIRES 1-9-67

J. V. Richards  
NOTARY

INSTRUCTIONS: Complete this form in duplicate and mail both copies to the Oil & Gas Conservation Commission, Room 140, State Capitol Building, Salt Lake City, Utah.

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September 25, 1963

MEMO FOR FILING:

Re: Phillips Petroleum Corporation  
Hatch Fee #A-1  
Sec. 16, T. 37 S. R. 6 W.,  
Garfield County, Utah

On September 22, 1963, I approved the following plugging program on the above well:

Total Depth was 4917' in the Dakota Formation  
Upper Tropic - 3243'  
Lower Tropic - 4433'  
Dakota - 4826'  
No tops above 3200' were available.

Surface casing was set at 577'. The operator reported no shows of oil or gas in the hole. The plugs were set at the following depths:

100' @ 4826'  
100' @ 3300'  
100' @ 1000'  
50' @ 577'

10 sacks of cement were placed at the surface plug and marker.

HARVEY L. COONTIS  
PETROLEUM ENGINEER

HLC:kgw

14.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

State Capitol Building  
Salt Lake City 14, Utah

To be kept Confidential until \_\_\_\_\_  
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Operating Company Phillips Petroleum Address Bartlesville, Oklahoma  
Lease or Tract Hatch "A" Field Wildcat State Utah  
Well No. 1 Sec. 16 T. 37S R. 6W Meridian SL&M County Garfield  
Location 1980 ft. N of S Line and 660 ft. E of E Line of Sec. 16 Elevation 7235'  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date September 30, 1963

Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling September 6, 1963 Finished drilling September 19, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No water flows encountered; no tests made for fresh water production.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
10-3/4	32.75	8rd	J-55	572	Howco	-			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	577	460 reg. w/2% CC	Halliburton		

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from 0 feet to 4917 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

## DATES

 ..... 19..... Plugged  
~~Put to producing~~ September 23, 19 63

 The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....%  
 emulsion; .....% water; and .....% sediment. Gravity, °Bé. ....

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. ....

## EMPLOYEES

 HLM Drilling Co., Driller ..... Driller  
 ..... Driller ..... Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
950			Base Wasatch ✓
950	1605	655	Kaiparowitz ✓
1605	3243	1638	Wathesap ✓
3243	4433	1190	Upper Tropic ✓
4433	4826	393	Lower Tropic Sands ✓
4826	4893	67	Dakota ✓
4893			Top Windsor Jurassic

{OVER}



## HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or hailing.

Spudded 8:00 P.M. 9/6/63. Drilled 15" hole to 580'. Set and cemented 19 joints 10-3/4" OD 32.75# J-55 8rd thd ST&C casing (567.84' Less Threads) at 577' RKB (Elevation RKB 7237'; Derrick Floor 7235'; Ground Level 7227.5'; Casing Flange 7226.5') with 460 sacks regular cement with 2% Calcium Chloride. Maximum Pressure 200#. Displaced plug to 547'. Circulated estimated 25 sacks cement. Completed cementing 4:00 A.M. 9/8/63. Waited on cement 8 hours. Cut off and nipped up Blow Out Preventer. Pressure tested casing with 750# - O.K.

Drilled 8-3/4" hole to 1346' - down 21 hours 9/10/63 with lost returns. Lost 750 barrels mud in 24 hours. Possibly losing mud at 1276'. 9/11/63: Down 23 1/2 hours attempting to regain circulation. Mixed lost circulation material, spotted squeeze Plug No. 1, Salt Gel, Diacel D mixture. Drilled 8-3/4" hole 1346-1418'. Lost 1500 barrels mud during 24 hour period. 9/12/63: Down 20 1/2 hours spotting 2 Salt Gel squeeze plugs, mixing mud and lost circulation material. Lost 750 barrels mud. 9/13/63: Drilling 8-3/4" hole to 2311' with 80-90% returns. Lost 1500 barrels mud 24 hours. 9/14/63: Drilling 8-3/4" hole to 3277' - 90% returns. Lost 750 barrels mud in 24 hours. Drilled 8-3/4" hole to 4515' with full returns. Cored ~~1418~~ 4515' to 4561', recovered 46' sand and shale, no shows. (7-27/32" Christiansen Diamond Bit). Reamed core hole and drilled ahead with 7-7/8" bit to 4917' at 5:15 P.M. 9/19/63.

Ran Schlumberger IES and Gamma Ray Sonic log with caliper. Ran Halliburton Drill Stem Test #1 at 4826-4917' in Dakota formation as follows: Tool open 5 minutes, good blow of air, shut in 30 minutes for Initial Shut In Pressure, open 30 minutes - good blow of air immediately and throughout test. Shut in 30 minutes for Final Shut In Pressure. Pulled out of hole, recovered 1250' of slightly mud cut brackish water in 4 1/2" drill pipe - no shows of oil or gas. Initial Hydrostatic Pressure 2618#, Initial 30 Minute Shut In Pressure 1257#, Initial Flow Pressure 191#, Final Flow Pressure 458#, 30 minute Shut In Pressure 1181#, Final Hydrostatic Pressure 2580#. BHT 162° F. Ran open ended drill pipe to 4900'. Spotted 125 sacks regular cement at 4900'. Job complete 1:30 A.M. 9/21/63. Waited on cement 12 hours. Ran drill pipe with bit, checked top cement plug at 4651'. Set 80,000# wt. on plug and held O.K. Attempted to run Drill Stem Test #2 in Tropic Sand at 4605-4651'. Packers would not hold. Pulled out of hole. Ran drill pipe with bit. Conditioned mud and hole 3 hours. Pulled out of hole. Attempted to run Drill Stem Test #3 at 4625-4651' in Tropic Sand. Packers would not hold. Pulled out of hole. Conditioned hole and ran Schlumberger Wire Line Drill Stem Test #1 (Formation Tester) at 4632-4634 1/2' of Tropic Sand. 10 minute Initial Shut In Pressure 1430#. Sampler tool filled in 2 minutes 23 seconds. Flowing Pressure 10#. Recovery 20,250 cc water, 250 cc sand, no gas, questionable fluorescence in water.

Final 10 minute Shut In Pressure 1430#. Hydrostatic Pressure 2280#. Resistivity of Water 4.31 ohms at 75° F. Pressure on tool at surface 750#. Ran open ended drill pipe. Spotted cement plugs as follows:

- 50 sacks at 3400' to approximately 3270'
- 50 sacks at 1100' to approximately 1000'
- 25 sacks at 572' to approximately 522'
- 25 sacks at 50' to surface

Installed permanent well marker at surface. Job complete 9:30 P.M. 9/23/63.

Utah 0200C

PM 3 7

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
310 NEWHOUSE BUILDING  
SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Hatch "A" No. 1

Operator Phillips Petroleum Co. Address Cortez, Colo. Phone 565-3426

Contractor HLM Drilling Co. Address Denver, Colo. Phone AMherst 6-3454

Location: NE 1/4 SE 1/4 Sec. 16 T. 37 N R. 6 E Garfield County, Utah.  
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.			
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

No water flows encountered. No tests made for fresh water production.

**NOTE:** (a) Upon diminishing supply of forms, please inform the Commission  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

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August 21, 1964

Mr. C. M. Boles, Area Superintendent  
Phillips Petroleum Company  
Box 1150  
Cortez, Colorado

Re: Oil and Gas Drilling Bond--  
State of Utah-- Hatch "A" #1  
and Hatch "B" #1 Wells

Dear Mr. Boles:

Returned herewith is the bond covering the above mentioned wells. Liability thereunder is hereby terminated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:bc

Enclosure